

## DECLARATION FOR PATENT APPLICATION

APR 07 2004

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled  
PROCESS FOR PRODUCTION OF ANHYDROSUGAR ALCOHOLS

the specification of which (check one):

is attached hereto  
 was filed on November 14, 2003 as Application Serial No. 10/712,399  
 and was amended on \_\_\_\_\_, if applicable

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)	Priority Claimed			
(Number)	(County)	(Date/Month/Year Filed)	Yes	No
09/955,672		09/19/01	Pending	
6 0/244,962 (Application Serial No.)	11/01/00 (Filing Date)		Abandoned (Status: patented, pending, abandoned)	

I hereby claim the benefit under Title 35, United States Code, Section 120 and/or Section 119(e) of any United States applications listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

I hereby appoint the following attorney(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith: Lynn J. Alstadt, Reg. No. 29,362; George P. Baier, Reg. No. 26,717; Dennis M. Carleton, Reg. No. 40,938; Craig G. Cochenour, Reg. No. 33,666; Michael L. Dever, Reg. No. 32,216; John E. Grosselin, III, Reg. No. 38,478; Bryan H. Opalko, Reg. No. 40,751; Michael G. Panian, Reg. No. 32,623; Duane A. Stewart III, Reg. No. 54,468 and Carla J. Vrsansky, Reg. No. 36,958.

Address all telephone calls to: Craig G. Cochenour, Esq.  
 ph: 412-562-3978

Address all correspondence to: Craig G. Cochenour, Esquire  
 Buchanan Ingersoll PC  
 One Oxford Centre  
 301 Grant Street, 20th Floor  
 Pittsburgh, Pennsylvania 15219-1410  
 fax: 412-562-1041

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor: Kevin M. Moore

Inventor's Signature: K. M. Moore

Date: 4/1/04

Residence: Mount Zion IL

Citizenship: USA

Post Office Address: 1510 Alexander Drive

Full name of second joint inventor: Alexandra Jan Sanborn

Inventor's Signature: Alexandra Sanborn

Date: 4/1/04

Residence: 90 Lincoln IL

Citizenship: USA

Post Office Address: 1865 Tiffany Av.

Approved for use through 11/30/2005. OMB 0651-0035  
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
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## REVOCATION OF POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	10/712,399
Filing Date	November 14, 2003
First Named Inventor	Kevin M. Moore
Art Unit	
Examiner Name	
Attorney Docket Number	030976

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:

A power of Attorney or Authorization of Agent is submitted herewith.

OR

Please change the correspondence address for the above-identified application to:

Customer Number



Place Customer  
Number Bar Code  
Label here

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
Address			
City			
Country	State		Zip
Telephone	Fax		

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.  
 Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

### SIGNATURE of Applicant or Assignee of Record

Name	David J. Smith, Executive Vice President, Secretary and General Counsel Archer-Daniels-Midland Company
------	---

Signature

Date

4/1/04

Telephone

217-424-5200

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.



\*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.38. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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APR 07 2004

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Kevin M. Moore, et al.Application No./Patent No.: 10/712,399 Filed/Issue Date: November 14, 2003Entitled: Process for Production of Anhydrosugar AlcoholsArcher-Daniels-Midland Company, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or2.  an assignee of less than the entire right, title and interest.The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
 in the patent application/patent identified above by virtue of either:A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 013308, Frame 0497, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

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2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

 Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

April 1, 2004

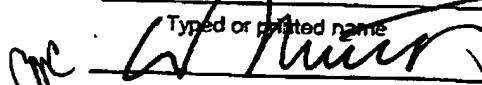
Date

217-424-5200

Telephone number

David J. Smith

Typed or printed name

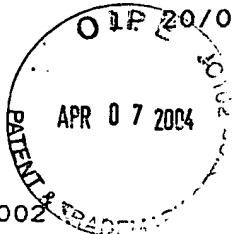


Signature

Executive Vice President, Secretary,  
 and General Counsel, Archer-Daniels-Midland Company  
 Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. Including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments and suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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DECEMBER 20, 2002

STERNE, KESSLER, GOLDSTEIN & FOX PLLC  
1100 NEW YORK AVENUE, N.W., SUITE 600  
WASHINGTON, DC 20005-3934

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

\*800004611A\*

\*800004611A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/20/2002

REEL/FRAME: 013308/0497

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
MOORE, KEVIN M.

DOC DATE: 12/06/2002

ASSIGNOR:  
SANBORN, ALEXANDRA JAN

DOC DATE: 12/06/2002

ASSIGNEE:  
ARCHER-DANIELS-MIDLAND COMPANY  
4666 FARIES PARKWAY  
DECATUR, ILLINOIS 62526

SERIAL NUMBER: 09955672  
PATENT NUMBER:

FILING DATE: 09/19/2001  
ISSUE DATE:

VIOLET MCCOY, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

## PATENT ASSIGNMENT

**SUBMISSION TYPE: NEW ASSIGNMENT**

**NATURE OF CONVEYANCE: ASSIGNMENT OF ASSIGNOR'S INTEREST**

**CONVEYING PARTY DATA**

Name: Moore, Kevin M.

Execution Date: 12/06/2002

Name: Sanborn, Alexandra Jan

Execution Date: 12/06/2002

**RECEIVING PARTY DATA**

Name: Archer-Daniels-Midland Company

Street Address: 4666 Faries Parkway

Internal Address:

City: Decatur

State: ILLINOIS

Country:

Postal Code: 62526

**PROPERTY NUMBERS**

Application Number: 09955672

Number of Properties: 1

The USPTO, Office of Public Records, will send correspondence  
via facsimile to **FAX NUMBER: 202-371-2540**

**CORRESPONDENCE DATA:**

*Correspondence will be sent via US Mail when a fax number*

*has not been provided or the fax attempt is unsuccessful.*

When the customer number has been provided, the Office of Public Records  
will obtain the correspondence data from the official record on file at the USPTO.

**CUSTOMER NUMBER: 026111**

**NAME OF PERSON SIGNING: Steven R. Ludwig**

**DATE SIGNED: 12/19/2002**

OP \$40.00 09955672

**Total Attachments: 2**

## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventor(s): Kevin M. Moore and Alexandra Jan Sanborn, the undersigned inventor(s) hereby sell(s) and assign(s) to Archer-Daniels-Midland Company (the Assignee) his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages:

*check applicable box(es)*

- for the United States of America (as defined in 35 U.S.C. § 100),  
 and throughout the world,

(a) in the invention(s) known as Process for the Production of Anhydrosugar Alcohols for which application(s) for patent in the United States of America has (have) been executed by the undersigned on September 14, 2001 (also known as United States Application No. 09/955,672, filed September 19, 2001), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventor(s) agree(s) to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventor(s) agree(s) to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

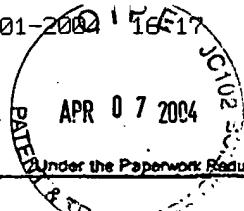
The undersigned inventor(s) hereby represent(s) that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventor(s) hereby grant(s) Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; David K.S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; Michael Q. Lee, Esquire, Registration No. 35,239; Steven R. Ludwig, Esquire, Registration No. 36,203; John M. Covert, Esquire, Registration No. 38,759; Linda E. Alcorn, Esquire, Registration No. 39,588; Lawrence B. Bugaisky, Esquire, Registration No. 35,086; Donald J. Featherstone, Esquire, Registration No. 33,876; and Robert C. Millonig, Esquire, Registration No. 34,395, all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventor(s) on the date opposite his/her name.

Date: ✓ 12/6/02 Signature of Inventor: ✓ Kevin M. Moore  
Kevin M. Moore

Date: 12/6/02 Signature of Inventor: Alexandra Jan Sanborn  
Alexandra Jan Sanborn



PTO/SB/81 (05-03)  
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## POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	10/712,399
Filing Date	November 14, 2003
First Named Inventor	Kevin M. Moore
Title	Process...Alcohols
Art Unit	
Examiner Name	
Attorney Docket Number	030976

I hereby appoint:

Practitioners at Customer Number



Place Customer  
Number Bar Code  
Label here

OR

Practitioner(s) named below:

Name	Registration Number
Craig G. Cochenour	33,666
Michael L. Dever	32,216
Duane A. Stewart III	54,468
Bryan H. Opalko	40,751

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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The above-mentioned Customer Number.

OR

Practitioners at Customer Number.



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Number Bar Code  
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OR

<input checked="" type="checkbox"/>	First or Individual Name	Craig G. Cochenour			
Address	Buchanan Ingersoll PC				
Address	301 Grant Street, 20th Floor				
City	Pittsburgh,	State	PA	Zip	15219
Country	USA				
Telephone	412-562-3978	Fax	412-562-1041		

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

### SIGNATURE of Applicant or Assignee of Record

Name	David J. Smith, Executive Vice President, Secretary and General Counsel		
Signature	Archer-Daniels-Midland Company		
Date	3/1/04	Telephone	217-424-5200

NOTE: Signatures of all the inventors or assignee of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete. Including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Kevin M. Moore, et al.

Application No./Patent No: 10/712,399 Filed/Issue Date: November 14, 2003

Entitled: Process for Production of Anhydrosugar Alcohols

Archer-Daniels-Midland Company, a Corporation

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

the assignee of the entire right, title, and interest; or

an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 013308, Frame 0497, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

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The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.09]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

April 1, 2004

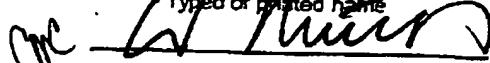
Date

217-424-5200

Telephone number

David J. Smith

Typed or printed name



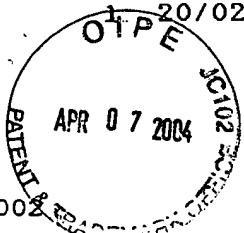
Signature

Executive Vice President, Secretary,  
and General Counsel, Archer-Daniels-Midland Company  
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22213-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22213-1450.

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DECEMBER 20, 2002



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 1100 NEW YORK AVENUE, N.W., SUITE 600  
 WASHINGTON, DC 20005-3934

UNITED STATES DEPARTMENT OF COMMERCE  
 Patent and Trademark Office  
 ASSISTANT SECRETARY AND COMMISSIONER  
 OF PATENTS AND TRADEMARKS  
 Washington, D.C. 20231

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RECORDATION DATE: 12/20/2002

REEL/FRAME: 013308/0497

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
 MOORE, KEVIN M.

DOC DATE: 12/06/2002

ASSIGNOR:  
 SANBORN, ALEXANDRA JAN

DOC DATE: 12/06/2002

ASSIGNEE:  
 ARCHER-DANIELS-MIDLAND COMPANY  
 4666 FARIES PARKWAY  
 DECATUR, ILLINOIS 62526

SERIAL NUMBER: 09955672  
 PATENT NUMBER:

FILING DATE: 09/19/2001  
 ISSUE DATE:

VIOLET MCCOY, EXAMINER  
 ASSIGNMENT DIVISION  
 OFFICE OF PUBLIC RECORDS

## PATENT ASSIGNMENT

**SUBMISSION TYPE: NEW ASSIGNMENT**

**NATURE OF CONVEYANCE: ASSIGNMENT OF ASSIGNOR'S INTEREST**

**CONVEYING PARTY DATA**

Name: Moore, Kevin M.

Execution Date: 12/06/2002

Name: Sanborn, Alexandra Jan

Execution Date: 12/06/2002

**RECEIVING PARTY DATA**

Name: Archer-Daniels-Midland Company

Street Address: 4666 Faries Parkway

Internal Address:

City: Decatur

State: ILLINOIS

Country:

Postal Code: 62526

**PROPERTY NUMBERS**

Application Number: 09955672

Number of Properties: 1

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*has not been provided or the fax attempt is unsuccessful.*

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will obtain the correspondence data from the official record on file at the USPTO.

**CUSTOMER NUMBER: 026111**

**NAME OF PERSON SIGNING: Steven R. Ludwig**

**DATE SIGNED: 12/19/2002**

OP \$40.00 09955672

**Total Attachments: 2**

## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventor(s): Kevin M. Moore and Alexandra Jan Sanborn, the undersigned inventor(s) hereby sell(s) and assign(s) to Archer-Daniels-Midland Company (the Assignee) his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages:

*check applicable box(es)*

- for the United States of America (as defined in 35 U.S.C. § 100),
- and throughout the world,

(a) in the invention(s) known as Process for the Production of Anhydrosugar Alcohols for which application(s) for patent in the United States of America has (have) been executed by the undersigned on September 14, 2001 (also known as United States Application No. 09/955,672, filed September 19, 2001), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventor(s) agree(s) to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventor(s) agree(s) to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventor(s) hereby represent(s) that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventor(s) hereby grant(s) Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; David K.S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; Michael Q. Lee, Esquire, Registration No. 35,239; Steven R. Ludwig, Esquire, Registration No. 36,203; John M. Covert, Esquire, Registration No. 38,759; Linda E. Alcorn, Esquire, Registration No. 39,588; Lawrence B. Bugaisky, Esquire, Registration No. 35,086; Donald J. Featherstone, Esquire, Registration No. 33,876; and Robert C. Millonig, Esquire, Registration No. 34,395, all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventor(s) on the date opposite his/her name.

Date: ✓ 12/6/02 Signature of Inventor: ✓ Kevin M. Moore  
Kevin M. Moore

Date: ✓ 12/6/02 Signature of Inventor: ✓ Alexandra Jan Sanborn  
Alexandra Jan Sanborn

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